

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"5211805".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:20
L2	1163	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:43
L3	493	L2 and @Ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:43
L4	19	L3 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:48
L5	11	4 and semiconductor adj substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:00
L6	7	5 and insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
L7	493	L2 and @Ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:56
L8	983169	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
L9	174907	L8 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57

## EAST Search History

L10	39647	L9 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
L11	1792	L10 and laminate same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
L12	689	L11 and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:57
L13	64	12 and semiconductor adj substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
L14	64	13 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
L15	60	14 and insulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 16:02
S1	37	("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/19 15:19
S2	148116	laser\$1 with process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:02
S3	5911	S2 and irradiat\$3 same object\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:33

## EAST Search History

S5	662	S3 and substrate\$1 same laminate\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:25
S6	347067	laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S7	662	S5 and laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S8	568	S5 and laser\$1 with light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:04
S9	28	S8 and ((light with converging) or(light-converging))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:06
S10	14	S9 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/06 16:07
S11	148273	laser\$1 with process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:08
S12	65021	S11 and ( cut\$3 or separate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:08
S14	5425	S12 and power with density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:10
S15	1350	S14 and pulse with width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:10

## EAST Search History

S16	681	S15 and @Ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S17	97	S16 and ((modified with region\$1) or (crack\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:13
S20	67	S17 and (distance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/07 10:14
S21	3	"3,629,545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S22	37	("20020006765" "20030024909" "45 62333" "5211805" "5254833" "5543 365" "5622540" "5637244" "565618 6" "5776220" "5826772" "6055829"  "6211488" "6252197" "6257224" " 6259058" "6322958" "6420678" "64 89588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:25
S23	2	S22 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:26
S24	948871	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:27
S25	166763	S24 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:27
S26	37586	S25 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:28

## EAST Search History

S27	1656	S26 and laminate same substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:28
S28	1477	S27 and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S29	30	S28 and (light-converging or light adj converg\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:33
S30	8	S29 and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S31	684	S27 and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:32
S32	613	S31 and light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:34
S33	253	S31 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/30 19:34
S34	3	"3,629,545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:14
S35	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:14
S36	964689	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:33

## EAST Search History

S37	295749	S36 and substrate\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:34
S38	845	S37 and (light-converging or light adj converging)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:35
S39	223	S38 and irradiating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S40	18	S39 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S41	18	S40 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S42	35163	S37 and irradiating	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:42
S43	1866	S42 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S44	533	S43 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:43
S45	510	S44 and light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:44
S46	192	S45 and @ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:47

## EAST Search History

S47	27	S46 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:49
S48	10	S47 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/30 21:50
S49	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:45
S50	37	("20020006765" "20030024909" "4562333" "5211805" "5254833" "5543365" "5622540" "5637244" "5656186" "5776220" "5826772" "6055829" "6211488" "6252197" "6257224" "6259058" "6322958" "6420678" "6489588").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S51	7	S50 and (Power adj density)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S52	2	S51 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:49
S53	967547	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:57
S54	191185	S53 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:57
S55	10031	S54 and laminate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:58

## EAST Search History

S56	130	S55 and light adj converg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:58
S57	31	S56 and power adj density	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:59
S58	12	S57 and pulse adj width	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/14 17:59
S59	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 09:47
S60	3	"3629545".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 10:19
S61	4	"3112850".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/16 10:19
S62	3208494	cut\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 14:22
S64	34613	S62 and laser adj light\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/05/30 14:23
S65	980843	laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05
S66	980887	laser\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:05



## EAST Search History

S67	652864	S65 and @Ad<"20020312"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S68	180863	S67 and (substrate\$1 or wafer\$s)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:07
S69	29736	S68 and laminat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:07
S70	5874	S69 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:25
S71	132	S70 and ((light adj converg\$3)or (light-converge\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:11
S72	74	S71 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:11
S73	401479	irradia\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:24
S74	15509	laser adj process\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S75	4800	S74 and irradiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25
S76	1486	S75 and cut\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:25

## EAST Search History

S77	29	S76 and (lamine same dispos\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:27
S78	340	S76 and ((lamine same dispos\$3)or (oxide adj film))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 18:27
S79	1160	438/460.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:24
S82	105997	S80 and laser adj light	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/06/08 21:25